TE Connectivity Introduces New Video Distribution System

Tyco Electronics

Greensboro, NC -- Feb. 8, 2012 -- TE Connectivity has introduced a new Video Distribution System (VDS) that enables network managers to deliver true high-definition RF and IP video over an existing data cabling infrastructure without the need for coaxial cabling or any RF tuning.

VDS enables the delivery of video signals such as cable television, satellite, in-house video, digital signage, electronic bulletin boards or any other service normally delivered via coaxial systems over a Category 6 or higher twisted-pair infrastructure. The VDS eliminates the need for a separate coaxial infrastructure or the need for an RF technician to install it.

"We're finding that simultaneous access to data, video and other high-bandwidth services is becoming a necessity for many of our customers Ã¢â‚¬" especially in the financial services, healthcare, and education industries," commented Kam Patel, product management director for emerging technologies at TE Enterprise Networks. "High-definition RF and IP video are becoming commonplace."

Delivering rich content in the form of high-definition video has often been a challenge for network managers as it typically means overlaying their twisted-pair infrastructure with an additional, coaxial infrastructure.

Patel continued, "Now, with TE's new video distribution system, we have effectively eliminated the time and expense associated with this additional layer of infrastructure. VDS allows anyone to access these services, including high-definition or IP video, wherever they have a network outlet."

The TE Connectivity VDS solution is TIA-568/ISO 11801 compliant and delivers broadband RF signals over an existing structured cabling infrastructure. It supports full-spectrum video (862 MHz) for up to 295 feet or 550 MHz for up to 328 feet. VDS is a true plug-and-play system for greater ease of installation and maintenance and features automatic gain control. Using self-adjusting baluns to provide amplification and equalization, output and input levels are adjusted to provide perfect HD video at the TV set. The system automatically adjusts the head-end signal for proper system operation and thereby eliminates the need for manual tuning by solving equalization and balancing issues traditionally associated with coaxial systems.

Patel adds: "This is a significant addition to TE Connectivity's Enterprise Networks portfolio. It solves one of the biggest headaches for network managers who are trying to integrate video distribution across an existing twisted pair infrastructure -- and it provides a future-proofed solution for the longer-term migration to IPTV." For more information about TE's video distribution system, visit:

http://www.te.com/en/general/video-distribution-system.html [1].

TE Enterprise Networks infrastructure solutions connect people and technology across office networks and data centers. Many of the world's most complex data networks run applications at speeds of up to 100Gbps over products from TE's AMP NETCONNECT and ADC portfolios. More information can be found at: www.ampnetconnect.com [2]

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